Substitute for Form 1449A/PTO

# INFORMATION DISC STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known					
Application Number	09/935,027	0 0 0			
Filing Date	August 22, 2001	5 3 3			
First Named Inventor	Mikihiro Shimada				
Art Unit	2872				
Examiner Name	Euncha P. Cherry				
Attorney Docket No.	MTS-3270US	Ç.			

		T	U.S. PATENT	OCUMENTS	
	C:4-	Document Number	Issue Date/ Publication Date (MM-DD-YYYY)		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Cite No.1	Number - Kind Code <sup>2 (if known)</sup>		Name of Patentee or Applicant of Cited Document	
Al		US-5,949,943 (corresponds to JP 11- 023875)	09/07/1999	Watanabe et al.	Entire Document
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		US-			

		FOREIGN PA	TENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	76
		JP 11-223735 (w/English abstract, partial English translation)	08/17/1999	Nippon Telegr & Teleph Corp	Entire Document	
		JP 10-148729 (w/English abstract, . partial English translation)	06/02/1998	Nippon Telegr & Teleph Corp	Entire Document	
	<del>,</del> -	JP 08-320422 (w/English abstract, partial English translation)	12/03/1996	Fujitsu Ltd	Entire Document	
	/	JP 63-250607 (w/English abstract, partial English translation)	10/18/1988	Seiko Epson Corp	Entire Document	
	/	JP 11-023875 (corresponds to USP 5,949,943)	01/29/1999	Toyota Central R&D Lab Inc	Entire Document	
4		JP 10-090539 (w/English abstract, - partial English translation)	04/10/1998	Nippon Telegr & Teleph Corp	Entire Document	

Examiner Date Signature Considered

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Applicant's unique citation designation number (optional).

<sup>&#</sup>x27;Applicant's unique citation designation number (optional).

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'Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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SHEET 2 of 2

Complete if Known					
Application Number	09/935,027	2			
Filing Date	August 22, 2001	6 0 0			
First Named Inventor	Mikihiro Shirnada				
Art Unit	2872	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			
Examiner Name	Euncha P. Cherry				
Attorney Docket No.	MTS-3270US	4.			

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	NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the imagazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher country where published	item (book, r, city and/or T <sup>2</sup>
AN	Japanese Office Action for Japanese Application 2001-250819 mailed July 29, 2003	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

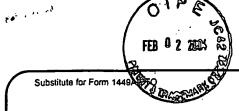
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Filing Date	August 22, 2001	
First Named Inventor	Mikihiro Shimada et al.	
Art Unit	2872	
Examiner Name	Euncha P. Cherry	
Attorney Docket No.	MTS-3270US	

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	Document Numb	Document Number	Issue Date/		Pages, Columns, Lines, Where
Examiner Initials 1	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
XING		US 3,814,498	06/04/74	Tomlinson, III et al.	See search report.
	7	US 3,970,959	07/20/76	Wang et al.	See search report.
17		US 5,157,746A	10/20/92	Tobita et al.	See search report.
		US 5,281,305 A	01/25/94	Lee et al.	Abstract; Figs. 1-6.
Pal		US-5,473,721 A	12/05/95	Myers et al.	See search report.
TINK.		US 5,909,529 A	06/01/99	Bhagavatula	See search report.
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		FOREIGN PA	TENT DOCUMEN	TS		
Examiner Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant		
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>	(MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	
PR	_	JP 02-087103 A (with English abstract)	03/28/90	CANON INC.	Abstract; Fig. 1.	
79		JP 02-168206 (with English abstract)	06/28/90	BROTHER IND	Abstract.	
		EP 0 589 268 A	03/30/94	BOSCH GMBH ROBERT	See search report.	
	/	EP 0 622 647 A	11/02/94	HOFFMANN LA ROCHE; SCHOTT GLASWERKE	See search report.	
	60	EP 0 964 305 A	12/15/99	CORNING INC.	See search report.	
Aff		CA 2 259 350 A	07/20/00	NU-WAVE PHOTONICS INC	See search report.	
Examinel Signature		ChoM/		Date Considered	3/2//01	<u> </u>

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<sup>&</sup>lt;sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for Form

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SHEET 2 of 2

	Complete if Known	
Application Number	09/935,027	
Filing Date	August 22, 2001	
First Named Inventor	Mikihiro Shimada et al.	
Art Unit	2872	
Examiner Name	Euncha P. Cherry	
Attorney Docket No.	MTS-3270US	

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
M		European Search Report for EP 01 12 0159, dated December 12, 2003.	
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		Number - Kind Code <sup>2 (if known)</sup>				
apl		US-5,675,691	10-07-1997	Johannes Edlinger et al	Abstract, Col.3,¶¶5-6, Col.4, Lines 46-51, Col. 5, Lines 29-61, Col.6, ¶¶1-3, Figs. 2B-C, 5-8	
cu		₩ <b>S</b> -4,886,538	12-12-1989	Amaresh Mahapatra	Abstract, Col.1, Line 54, Col. 5, ¶2, Figs. 1-3	
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		FOREIGN PAT	TENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
CBO		JP 58-113903 (English abstract only)	07/07/1983	Fujitsu Ltd.	Abstract, Fig. 1	
		JP 06-194536 (with English abstract)	07/15/1994	Nippon Telegr & Teleph Corp>	Abstract, ¶¶'0006!, 0011!, '0012!, '0021!, Figs. 2,7	
	/	GB 2-133-900A	08/01/1984	The Marconi Company Limited	Abstract, page 2, line 9-last paggraph, page 3, last paragraph, page 4, paragraph 1 (	
CA		EP 0-297-652	01/04/1981	N.V. Philips	Abstract, Col.3, Lines 10-20, Col. 3, Lines 40-57, Col. 4, ¶3, Fig. 1H	
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Examiner Date Considered

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SHEET 2 of 2

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Application Number	09/935,027	
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CILL		European Search Report for EP 01 120159, dated August 1, 2003	
6		NAJAFI, S.I., et al, "Sol-Gel Glass Waveguide and Grating on Silicon", Journal of Lightwave Technology, September 1, 1998, Pgs. 1640-1646, Vol. 16, No. 9, IEEE, New York, US -{Page 1640-1641, Section III, Figs. 1-4, 5A, C}	
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